



Product Evaluation

WIN2262 | 0218

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2262

Effective Date: February 1, 2018

Re-evaluation Date: August 2021

Product Name: Series 1620/1630 Vinyl Fixed Windows, Fin and Frame Installation, Impact Resistant

Manufacturer: MI Windows and Doors, LLC
650 West Market Street
Gratz, PA 17406
(717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 1620/1630 FW (FIN, FLANGE, & FINLESS)	LC-PG55 1857 x1905 (73 x 75)-FW	±55 psf
2	Series 1620/1630 FW (FIN, FLANGE, & FINLESS)	LC-PG55 1829 x 1219 (72 x 48)-FW	±55 psf
3	Series 1620/1630 FW (FIN, FLANGE, & FINLESS)	LC-PG55 1824 x 914 (60 x 36)-FW	±55 psf
4	Series 1620/1630 FW (FIN, FLANGE, & FINLESS)	LC-PG55 1854 x 1549 (73 x 61)-FW	±55 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	73-1/2" x 75"	68-1/2" x 70-1/2"
2	72" x 48"	67-3/8" x 43-3/8"
3	60" x 36"	55-3/5" x 31-3/8"
4	73" x 61"	68-1/4" x 56-1/4"

Product Identification (Certification Label on Window):

System		
1-4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	1620/1630 FW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506 Missile Level D, Wind Zone 3

Impact Resistance:

System	Impact Resistant	Requirement
1-4	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation (One of the Following):

System		
1-4	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 1-5/8" long Flat head screws
	Fastener Location/Spacing	Approximately 3" from each corner and approximately 8" on center thereafter
	Fastener Penetration	Minimum 1-1/2" into framing
1-3	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 3" long Pan Head wood screws
	Fastener Location/Spacing	Head, Sill, and Side Jambs/ Approximately 4" from the corners and approximately 12" on center thereafter
	Fastener Penetration	Minimum 1-1/2" into framing
4	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 1-1/2" long Pan head screw
	Fastener Location/Spacing	Head and Sill/ Approximately 4" from each end and spaced approximately 16" on center Side Jambs/ Approximately 4" from each and spaced approximately 13" on center
	Fastener Penetration	Minimum 1-1/2" into framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.